

**Commonwealth of Kentucky  
Environmental and Public Protection Cabinet  
Department for Environmental Protection  
Division for Air Quality  
803 Schenkel Lane  
Frankfort, Kentucky 40601  
(502) 573-3382**

**AIR QUALITY PERMIT  
Issued under 401 KAR 52:040**

**Permittee Name:** Freudenberg Nonwovens Limited Partnership  
**Mailing Address:** 2975 Pembroke Road, Hopkinsville, KY 42240

**Source Name:** Freudenberg Nonwovens Limited Partnership  
**Mailing Address:** 2975 Pembroke Road  
Hopkinsville, KY 42240

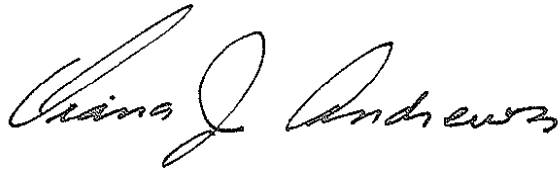
**Source Location:** Same as above

**Permit ID:** S-08-043  
**Agency Interest #:** 764  
**Activity ID:** APE20080001  
**Review Type:** Minor Source, Construction / Operating  
**Source ID:** 21-047-00019

**Regional Office:** Paducah Regional Office  
130 Eagle Nest Drive  
Paducah, KY 42003  
(270) 898-8468

**County:** Christian

**Application**  
**Complete Date:** May 5, 2008  
**Issuance Date:** May 15, 2008  
**Revision Date:**  
**Expiration Date:** May 15, 2018



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**John S. Lyons, Director  
Division for Air Quality**

## **SECTION A - PERMIT AUTHORIZATION**

Pursuant to a duly submitted application the Kentucky Division for Air Quality hereby authorizes the operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first submitting a complete application and receiving a permit for the planned activity from the permitting authority, except as provided in this permit or in 401 KAR 52:040, State-origin permits.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining other permits, licenses, or approvals that may be required by the Cabinet or other federal, state, or local agencies.

**SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS**

<b>EU No.</b>	<b>INDIRECT HEAT EXCHANGER ID</b>	<b>MAKE/MODEL</b>	<b>DATE OF CONSTRUCTION</b>	<b>MAXIMUM RATED CAPACITY (FUELS USED)</b>
01	B1	Cleaver Brooks Fire Tube Boiler 500 hp	1/1/1989	20.92 mmBtu/hr P (Natural Gas) B (Fuel Oil #2)
06	06-1	Vitech Print Line (Dryer) Zimmer Magno Roll Printing Machine	7/1/2008	3.21 mmBtu/hr (Natural Gas)

**Controls:** None**APPLICABLE REGULATIONS:**

401 KAR 59:015, New indirect heat exchangers, applies to the particulate matter emissions, opacity, and sulfur dioxide emissions from the combustion of natural gas and fuel oil.

**1. Operating Limitations:** None**2. Emission Limitations:**

- Pursuant to 401 KAR 59:015, Section 4(1)(c), emissions of particulate matter from the combustion of either natural gas or fuel oil shall not exceed 0.47 lb/mmBtu for B1 and 0.46 lb/mmBtu for 06-1.
- Pursuant to 401 KAR 59:015, Section 4(2), the opacity of visible emissions from the combustion of either natural gas or fuel oil shall not exceed 20%.
- Pursuant to 401 KAR 59:015, Section 5(1)(c)1, emissions of sulfur dioxide from the combustion of either natural gas or fuel oil #2 shall not exceed 2.22 lb/mmBtu for B1 and 2.09 lb/mmBtu for 06-1.

**Compliance Demonstration Method:**

- Compliance with the particulate (PT) emission limit, while burning natural gas, is demonstrated by an AP-42 emission factor of gas and the heat capacity of the gas = (7.6 lbs PT/million ft<sup>3</sup>) (million ft<sup>3</sup>/1025 mmBtu).

Compliance with the particulate emission limit, while burning fuel oil #2, is demonstrated by an AP-42 emission factor and the heat capacity of the fuel = (2 lbs PT/1000 gallons) (1000 gallons/140 mmBtu).

**SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**

- b. Compliance with the opacity limit is demonstrated while the boiler is fired with natural gas. When the boiler is fired with fuel oil, refer to Section 4, **Monitoring Requirements**.
- c. Compliance with the sulfur dioxide emission limit, while burning natural gas, is demonstrated by an AP-42 emission factor of gas and the heat capacity of the gas = (0.6 lbs SO<sub>2</sub>/million ft<sup>3</sup>) (million ft<sup>3</sup>/1025 mmBtu).

Compliance with the sulfur dioxide emission limit, while burning fuel oil #2, is demonstrated by an AP-42 emission factor and the heat capacity of the fuel = (142 S lbs PT/1000 gallons) (1000 gallons/140 mmBtu), where S is the weight percent of sulfur in the fuel oil. Refer to Section 4, **Monitoring Requirements**.

**3. Testing Requirements:**

Pursuant to 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 1, performance testing using the Reference Methods specified in 401 KAR 50:015 shall be conducted as required by the Division.

**4. Monitoring Requirements:**

The permittee shall monitor and maintain records of the following information:

- a. The monthly fuel usage rate (cubic feet/month or gallons per month) for each of the fuels listed herein.
- b. The monthly hours of operation (hours operated per month) of the boiler.
- c. The sulfur content of each type of fuel burned. The sulfur content may be determined by fuel sampling and analysis or by fuel supplier certification.
- d. During periods when the boiler is fired with fuel oil, a daily (calendar day) log of the following information shall be kept:
  - i. Whether any air emissions were visible from the boiler stack from a qualitative visible observation. If visible emissions from a stack are seen from the daily qualitative visible observation, then the opacity shall be determined by EPA Reference Method 9.
  - ii. Whether the visible emissions were normal for the process.
  - iii. The color of the emissions and whether the emissions were light or heavy.
  - iv. The cause of the abnormal visible emissions.
  - v. Any corrective actions taken.

**5. Recordkeeping Requirements:**

Refer to Section 4, **Monitoring Requirements**.

**6. Reporting Requirements:**

Refer to Section C.3.

**SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**

<b>EU No.</b>	<b>ID</b>	<b>DESCRIPTION</b>	<b>DATE OF CONSTRUCTION</b>	<b>MAXIMUM OPERATING RATE</b>
04	V2	V-2 Forming Set Steam Can Drying System (provided by the Cleaver Brooks Boiler) & foam binder impregnation application system	1/1/2001	0.50 tons/hr
05	05	Laminator (Vitech Area)	1/1/2001	1.00 hr equipment operated/ hr
06	06-2	Vitech Print Line (Print Unit) Zimmer Magno Roll Printing Machine	7/1/2008	1.102 tons/hr

**Controls:** None**APPLICABLE REGULATIONS:**

401 KAR 59:010, New process operations - applies to the particulate matter emissions and opacity limits of the process for Emission Units 04 and 05.

**NON-APPLICABLE REGULATIONS:**

401 KAR 59:210, New fabric, vinyl and paper surface coating operations. Pursuant to 401 KAR 59:210, Section 6(3)(c) for exemption of the regulation, the total potential emissions of volatile organic compounds (VOC) from Emission Unit 06 is less than ten (10) tons per year before add-on control. The source is also in an attainment area and the source is minor (401 KAR 59:210, Section 2).

**STATE-ONLY REGULATIONS:**

401 KAR 63:020, Potentially hazardous matter or toxic substances.

401 KAR 63:021, Existing sources emitting toxic air pollutants. There is a formaldehyde emissions limit.

- Operating Limitations:** Pursuant to 401 KAR 63:020, persons responsible for a source from which hazardous matter or toxic substances may be emitted shall provide the utmost care and consideration, in the handling of these materials, to the potentially harmful effects of the emissions resulting from such activities. No owner or operator shall allow any affected facility to emit potentially hazardous matter or toxic substances in such quantities or duration as to be harmful to the health and welfare of humans, animals and plants.

## SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

### Compliance Demonstration Method:

For compliance with 401 KAR 63:020, refer to the compliance demonstration method for Section 2. Emission Limitations.

### 2. Emission Limitations:

- a. Pursuant to 401 KAR 59:010, Section 3(2), emissions of particulate matter shall not exceed 2.34 lb/hr for each emission unit.
- b. Pursuant to 401 KAR 59:010, Section 3(1), the opacity of visible emissions shall not equal or exceed 20 percent.
- c. Pursuant to state-only requirement 401 KAR 63:021, Section 1, source-wide emissions of formaldehyde shall not exceed 1.79 lbs/hr.

### Compliance Demonstration Method:

- a. Mass Emission Standard:

EMISSION UNIT	AFFECTED FACILITY	MAXIMUM ALLOWABLE EMISSION RATE (lb/hr)	MAXIMUM CONTROLLED EMISSION RATE (lb/hr)
04	V-2 Forming Set	2.34	0.615
05	Laminator (Vitech Area)	2.34	0.620

NOTE: No particulate emissions from Emission Unit 06.

- b. See Monitoring Requirements for opacity compliance.
- c. Compliance with the total VOC emission limit to preclude 401 KAR 59:210 is demonstrated by the following maximum hourly rate and emission factors for Emission Unit 06 (Vitech Print Line):

EMISSION UNIT	MAXIMUM HOURLY RATE (SCC/hr)	EMISSION FACTOR (lbs/SCC)	POTENTIAL EMISSION RATE (tons/yr)
06 (Vitech Print Line)	1.10 tons/hr	1.825 lbs/ton	8.8

- d. Compliance with the source-wide formaldehyde emission limit is demonstrated by the following maximum hourly rate and emission factors for Emission Unit 04 (V-2 Forming Set), Emission Unit 05 (Laminator (Vitech Area)), and Emission Unit 06 (Vitech Print Line):

EMISSION UNIT	MAXIMUM HOURLY RATE (SCC/hr)	EMISSION FACTOR (lbs/SCC)
04 (V-2 Forming Set)	0.50 tons/hr	0.56 lbs/ton
05 (Laminator (Vitech Area))	1.00 hr equipment/hr	0.003 lbs/hr equipment
06 (Vitech Print Line)	1.10 tons/hr	0.045 lbs/ton

Therefore, the total potential emission of formaldehyde is 0.333 lbs/hr.

## **SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**

### **3. Testing Requirements:**

Pursuant to 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 1, performance testing using the Reference Methods specified in 401 KAR 50:015 shall be conducted as required by the Division.

### **4. Monitoring Requirements:**

- a. The permittee shall perform a qualitative visual observation of the opacity of emissions from all stacks at least once per month. If visible emissions are seen, the permittee shall perform an EPA Reference Method 9 test for opacity on the applicable stack emissions within 24 hours of observing visible emissions, and make any necessary repairs to bring the opacity into compliance. [401 KAR 59:010(4)(5)]
- b. Refer to Section C.6.

### **5. Recordkeeping Requirements:**

- a. The permittee shall maintain a log of the dates and times of each qualitative visual observation: noting color, duration, density (dark or light), and cause.
- b. The permittee shall maintain a log of the dates and times of each EPA Reference Method 9 test and either the results of the test, or reasons for not performing an EPA Reference Method 9 test.
- c. Refer to Section C.2.

### **6. Reporting Requirements:**

Refer to Section C.3.

## SECTION C - GENERAL CONDITIONS

### 1. Administrative Requirements

- a. The permittee shall comply with all conditions of this permit. Noncompliance shall be a violation of 401 KAR 52:040, Section 3(1)(b) and is grounds for enforcement action including but not limited to the termination, revocation and reissuance, or revision of this permit.
- b. This permit shall remain in effect for a fixed term of ten (10) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division. [401 KAR 52:040, Section 15]
- c. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit [Section 1a-11 of the *Cabinet Provisions and Procedures for Issuing State-Origin Permits* incorporated by reference in 401 KAR 52:040 Section 23].
- d. Pursuant to materials incorporated by reference by 401 KAR 52:040, this permit may be revised, revoked, reopened, reissued, or terminated for cause. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance shall not stay any permit condition [Section 1a-4, 5, of the *Cabinet Provisions and Procedures for Issuing State-Origin Permits* incorporated by reference in 401 KAR 52:040 Section 23].
- e. This permit does not convey property rights or exclusive privileges [Section 1a-8 of the *Cabinet Provisions and Procedures for Issuing State-Origin Permits* incorporated by reference in 401 KAR 52:040 Section 23].
- f. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance [401 KAR 52:040 Section 11(3)].
- g. This permit shall be subject to suspension at any time the permittee fails to pay all fees within 90 days after notification as specified in 401 KAR 50:038, Air emissions fee. The permittee shall submit an annual emissions certification pursuant to 401 KAR 52:040, Section 20.
- h. All previously issued permits to this source at this location are hereby null and void.

**SECTION C - GENERAL CONDITIONS (CONTINUED)****2. Recordkeeping Requirements**

- a. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of at least five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality [401 KAR 52:040 Section 3(1)(f) and Section 1b-IV-2 of the *Cabinet Provisions and Procedures for Issuing State-Origin Permits* incorporated by reference in 401 KAR 52:040 Section 23].
- b. The permittee shall perform compliance certification and recordkeeping sufficient to assure compliance with the terms and conditions of the permit. Documents, including reports, shall be certified by a responsible official pursuant to 401 KAR 52:040, Section 21.

**3. Reporting Requirements**

- a. (1) In accordance with the provisions of 401 KAR 50:055, Section 1, the permittee shall notify the Regional Office listed on the front of this permit concerning startups, shutdowns, or malfunctions as follows:
  - i. When emissions during any planned shutdowns and ensuing startups will exceed the standards, notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
  - ii. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards, notification shall be made as promptly as possible by telephone (or other electronic media) and shall be submitted in writing upon request.
- (2) The permittee shall promptly report deviations from permit requirements including those attributed to upset conditions (other than emission exceedances covered by Reporting Requirement condition a.(1) above), the probable cause of the deviation, and corrective or preventive measures taken; to the Regional Office listed on the front of this permit within 30 days. Other deviations from permit requirements shall be included in the semiannual report [Section 1b-V-3 of the *Cabinet Provisions and Procedures for Issuing State-Origin Permits* incorporated by reference in 401 KAR 52:040 Section 23].
- b. The permittee shall furnish information requested by the Cabinet to determine if cause exists for modifying, revoking and reissuing, or terminating the permit; or to determine compliance with the permit [Section 1a-6 of the *Cabinet Provisions and Procedures for Issuing State-Origin Permits* incorporated by reference in 401 KAR 52:040 Section 23].

**SECTION C - GENERAL CONDITIONS (CONTINUED)**

- c. Summary reports of monitoring required by this permit shall be submitted to the Regional Office listed on the front of this permit at least every six (6) months during the life of this permit. For emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation. The summary reports are due January 30th and July 30th of each year. All deviations from permit requirements shall be clearly identified in the reports. All reports shall be certified by a responsible official pursuant to 401 KAR 52:040, Section 21.

**4. Inspections**

In accordance with the requirements of 401 KAR 52:040, Section 3(1)(f) the permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable times. Reasonable times are defined as during all hours of operation, during normal office hours; or during an emergency:

- a. Enter upon the premises to inspect any facility, equipment (including air pollution control equipment), practice, or operation.
- b. To access and copy any records required by the permit.
- c. Inspect, at reasonable times, any facilities, equipment (including monitoring and pollution control equipment), practices, or operations required by the permit.
- d. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements.

**5. Emergencies/Enforcement Provisions**

- a. The permittee shall not use as defense in an enforcement action, the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance [Section 1a-3 of the *Cabinet Provisions and Procedures for Issuing State-Origin Permits* incorporated by reference in 401 KAR 52:040 Section 23].
- b. An emergency shall constitute an affirmative defense to an action brought for the noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or relevant evidence that:
  - (1) An emergency occurred and the permittee can identify the cause of the emergency;
  - (2) The permitted facility was at the time being properly operated;
  - (3) During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and

## SECTION C - GENERAL CONDITIONS (CONTINUED)

- (4) The permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division within two working days after the time when emission limitations were exceeded due to the emergency and included a description of the emergency, steps taken to mitigate emissions, and corrective actions taken.
- c. Emergency provisions listed in General Condition 5.b are in addition to any emergency or upset provision contained in an applicable requirement [401 KAR 52:040, Section 22(1)].
- d. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof. [401 KAR 52:040, Section 22(2)].

### 6. Compliance

- a. Periodic testing or instrumental or non-instrumental monitoring, which may consist of record keeping, shall be performed to the extent necessary to yield reliable data for purposes of demonstration of continuing compliance with the conditions of this permit. For the purpose of demonstration of continuing compliance, pursuant to 401 KAR 50:055, General compliance requirements, Section 2(5), all air pollution control equipment and all pollution control measures proposed by the application in response to which this permit is issued shall be in place, properly maintained, and in operation at any time an affected facility for which the equipment and measures are designed is operated, except as provided by 401 KAR 50:055, Section 1.
- b. Pursuant to 401 KAR 52:040, Section 19, the permittee shall certify compliance with the terms and conditions contained in this permit by January 30th of each year, by completing and returning a Compliance Certification Form (DEP 7007CC) (or an approved alternative) to the Regional Office listed on the front of this permit in accordance with the following requirements:
  - (1) Identification of the term or condition;
  - (2) Compliance status of each term or condition of the permit;
  - (3) Whether compliance was continuous or intermittent;
  - (4) The method used for determining the compliance status for the source, currently and over the reporting period, and
  - (5) For an emissions unit that was still under construction or which has not commenced operation at the end of the 12-month period covered by the annual compliance certification, the permittee shall indicate that the unit is under construction and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.

## SECTION C - GENERAL CONDITIONS (CONTINUED)

(6) The certification shall be postmarked by January 30th of each year. Annual compliance certifications shall be mailed to the following addresses:

Division for Air Quality  
Paducah Regional Office  
130 Eagle Nest Drive  
Paducah, KY 42003-9435

Division for Air Quality  
Central Files  
803 Schenkel Lane  
Frankfort, KY 40601-1403

- c. Permit Shield - A permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of permit issuance. Compliance with the conditions of this permit shall be considered compliance with all:
- (1) Applicable requirements that are included and specifically identified in this permit; or
  - (2) Non-applicable requirements expressly identified in this permit [401 KAR 52:040, Section 11].

### 7. Construction Requirements:

Pursuant to a duly submitted application the Kentucky Division for Air Quality hereby authorizes the construction of the equipment described herein, emission unit 06 (Vitech Print Line) in accordance with the terms and conditions of this permit.

- a. Pursuant to 401 KAR 52:040, Section 12(3), unless construction is commenced on or before 18 months after the date of issuance of this permit, or if construction is commenced and then stopped for any consecutive period of 18 months or more, or is not completed within a reasonable timeframe, then the construction and operating authority granted by this permit for those affected facilities for which construction was not completed shall immediately become invalid. Upon a written request, the Cabinet may extend these time periods if the source shows good cause.
- b. Pursuant to 401 KAR 52:040, Section 12(4)(a) and 401 KAR 59:005, General provisions, Section 3(1), within 30 days following construction commencement, within 15 days following start-up and attainment of maximum production rate, or within 15 days following the issuance date of this permit, whichever is later, the owner and/or operator of the affected facilities specified on this permit shall furnish to the Regional Office listed on the front of this permit, with a copy to the Division's Frankfort Central Office, the following:
  - (1) Date when construction commenced.
  - (2) Start-up date of each of the affected facilities listed on this permit.
  - (3) Date when maximum production rate was achieved.

## SECTION C - GENERAL CONDITIONS (CONTINUED)

- c. (1) Pursuant to 401 KAR 59:005, General provisions, Section 2(1), this permit shall allow time for the initial start-up, operation and compliance demonstration of the affected facilities listed herein. However, within 60 days after achieving the maximum production rate at which the affected facilities will be operated, but not later than 180 days after initial start-up of such facilities, the owner or operator shall demonstrate compliance to a duly authorized representative of the Division.  
(2) Pursuant to 401 KAR 59:005, General provisions, Section 3(1)(b), unless notification and justification to the contrary are received by this Division, the date of achieving the maximum production rate at which the affected facilities will be operated shall be deemed to be 30 days after initial start-up.
- d. Operation of the affected facilities authorized by this permit shall not commence until compliance with applicable standards specified herein has been demonstrated in accordance with the requirements of 401 KAR 52:040, Section 12(4)(b). Until compliance is demonstrated, the source may only operate for the purpose of demonstrating compliance.

**SECTION D - INSIGNIFICANT ACTIVITIES**

The following listed activities have been determined to be insignificant activities for this source pursuant to 401 KAR 52:040, Section 6. Although these activities are designated as insignificant the permittee must comply with the applicable regulation. Process and emission control equipment at each insignificant activity subject to an opacity standard shall be inspected monthly and a qualitative visible emissions evaluation made. Results of the inspection, evaluation, and any corrective action shall be recorded in a log.

<u>Description</u>	<u>Applicable Regulation</u>
1. Hot Water Heater, Building 1 (< 1.0 mmBtu/hr)	401 KAR 61:015
2. Laboratory Fume Hood	401 KAR 59:010
3. Shipping Area Natural Gas Fired Boiler (< 1.0 mmBtu/hr)	401 KAR 61:015
4. Chemical Mixing Area	401 KAR 59:010
5. Mold Injection Unit, Building 2	401 KAR 59:010
6. R&D Dry Cleaning Unit	None
7. Pocket Filter Production Area, Bldg. 2	401 KAR 59:010
8. MV Product Assembly, Bldg. 2	401 KAR 59:010
9. Panel Filter Production Area, Bldg. 2	401 KAR 59:010
10. Cabin Air Filter Lines, #1, #2, #3, and #4 <sup>(*)</sup> , Bldg. 2	401 KAR 59:010
(*) Unit #4 has been added per application of Log#54176, Sept. 21, 2001	
11. Foam In Place Line, Bldg. 2	401 KAR 59:010
12. Prototype Lab, Bldg. 2	None
13. Cabin Air Filter Testing Lab, Bldg. 2	None
14. Nat'l Gas-fired Space Heaters, Bldg. 2 and Maint. Bldg.	None

**SECTION D - INSIGNIFICANT ACTIVITIES (CONTINUED)**

15. Diesel-fired Emergency Generator, Bldg. 1	401 KAR 59:015
16. Small Cooling Towers Associated with Chiller Units, Bldg. 1	401 KAR 63:010
17. V-2 Fiber Blending and Opening Operations	401 KAR 59:010
18. V-2 Fiber Feeding and Dosing Operations	401 KAR 59:010
19. V-2 Carding Equipment	401 KAR 59:010
20. V-2 Crosslappers	401 KAR 59:010
21. V-2 Pre-needle Loom	401 KAR 59:010
22. V-2 Needle Looms	401 KAR 59:010
23. V-2 Winding System	401 KAR 59:010
24. R&D Lab/Color Matching Lab	None
25. 750-Gallon Mixing Tanks	None